

FIG. 1

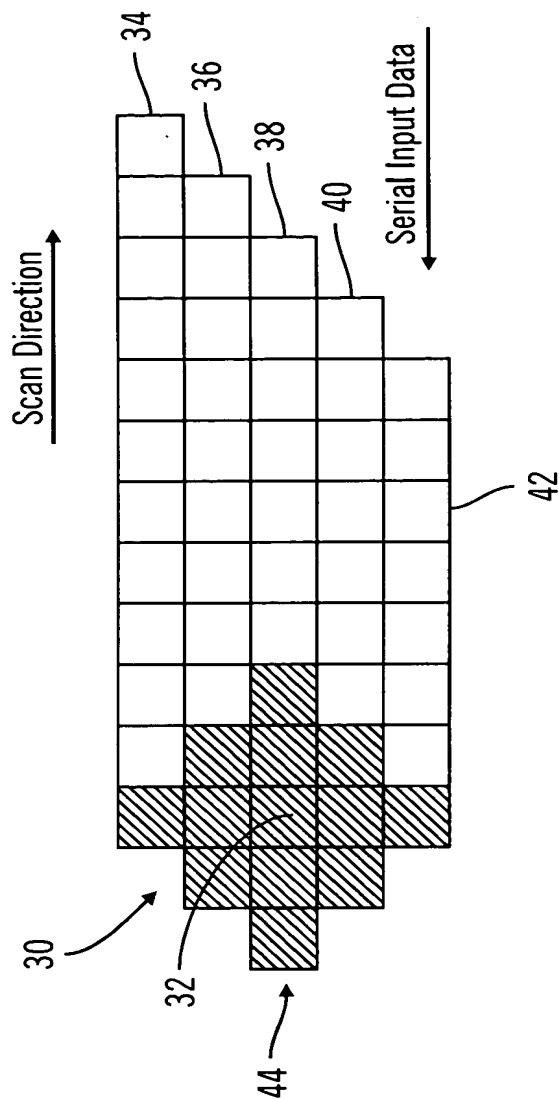


FIG. 2

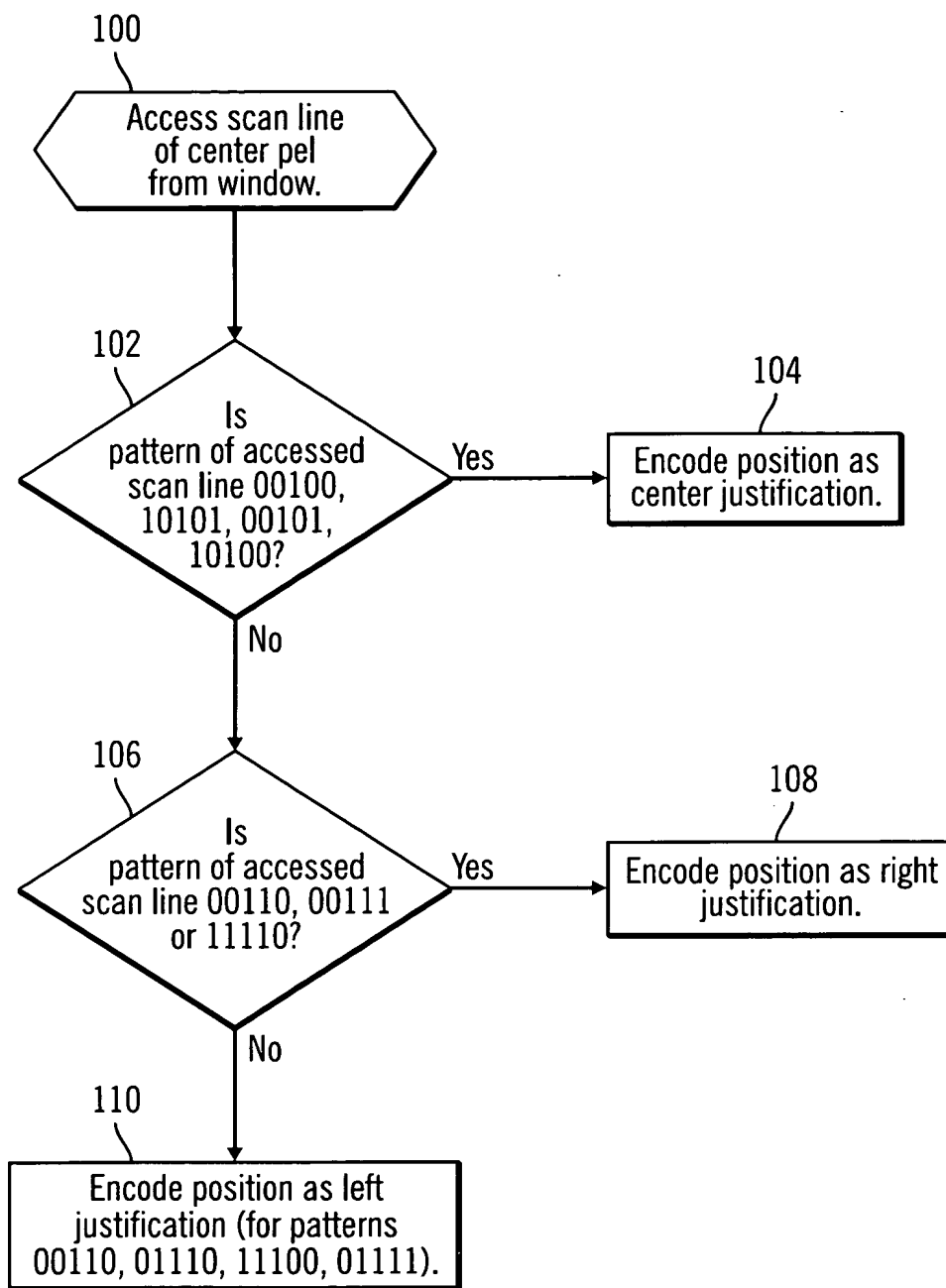


FIG. 3

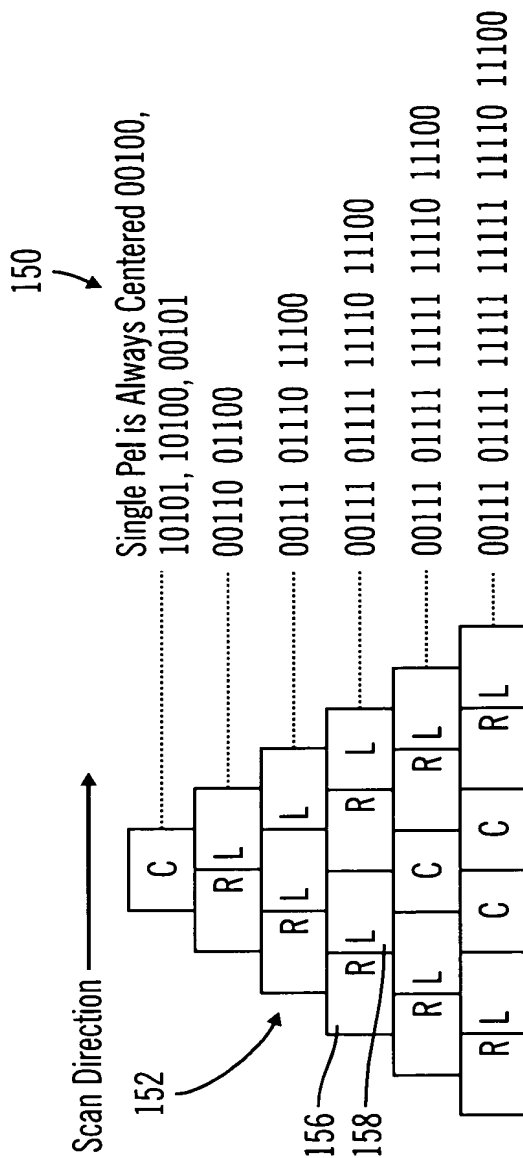


FIG. 4

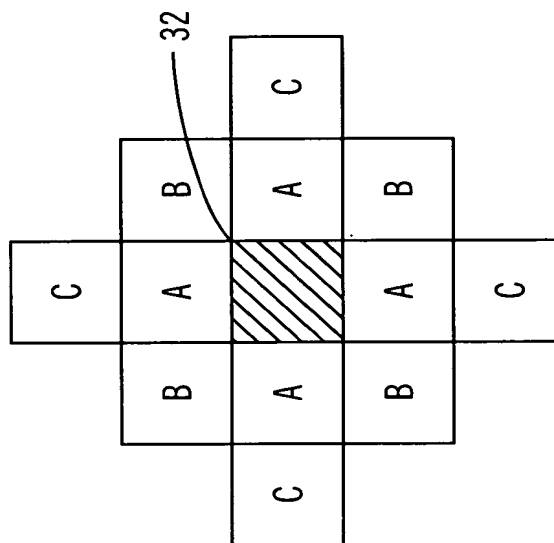


FIG. 5

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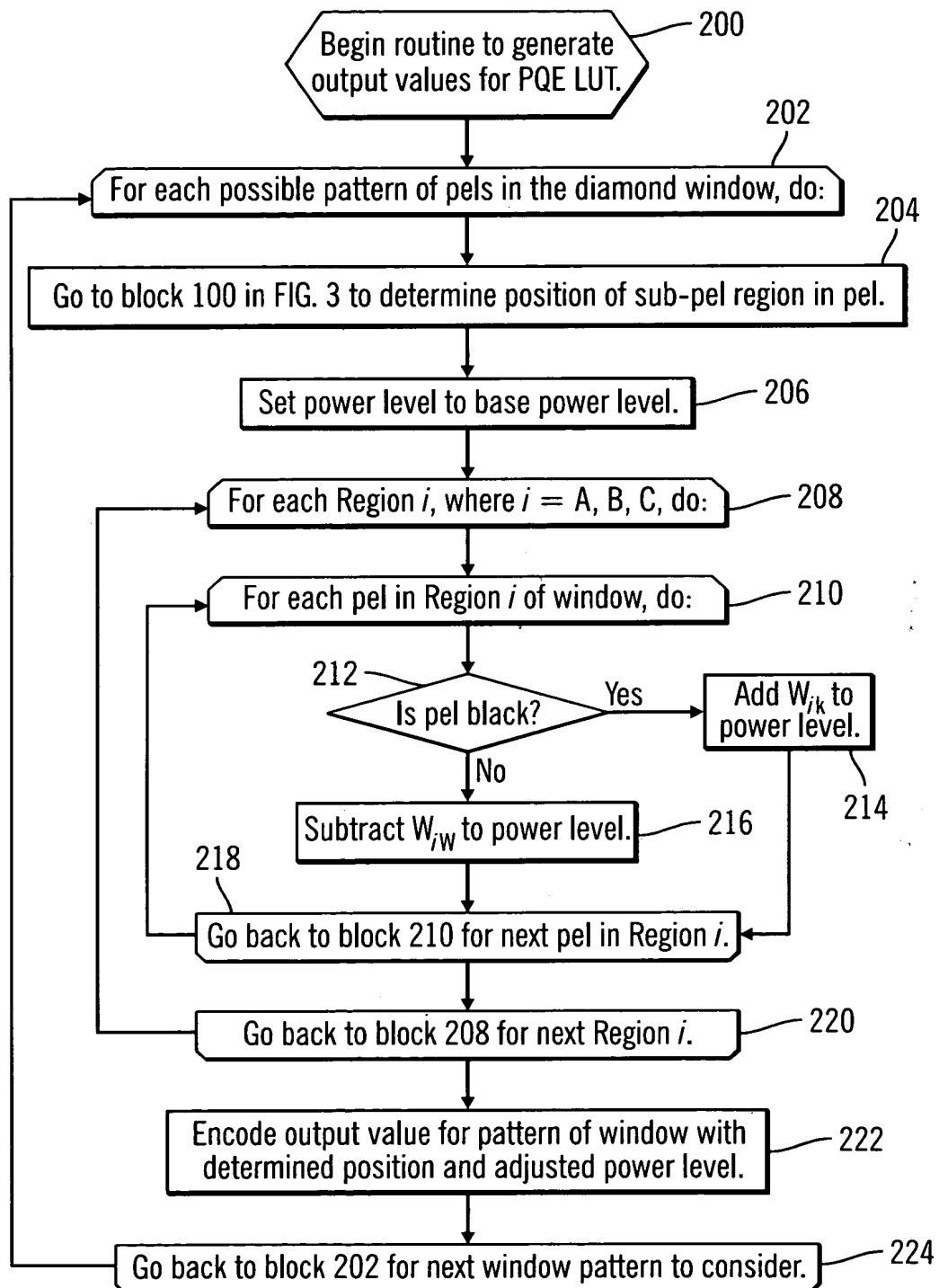


FIG. 6

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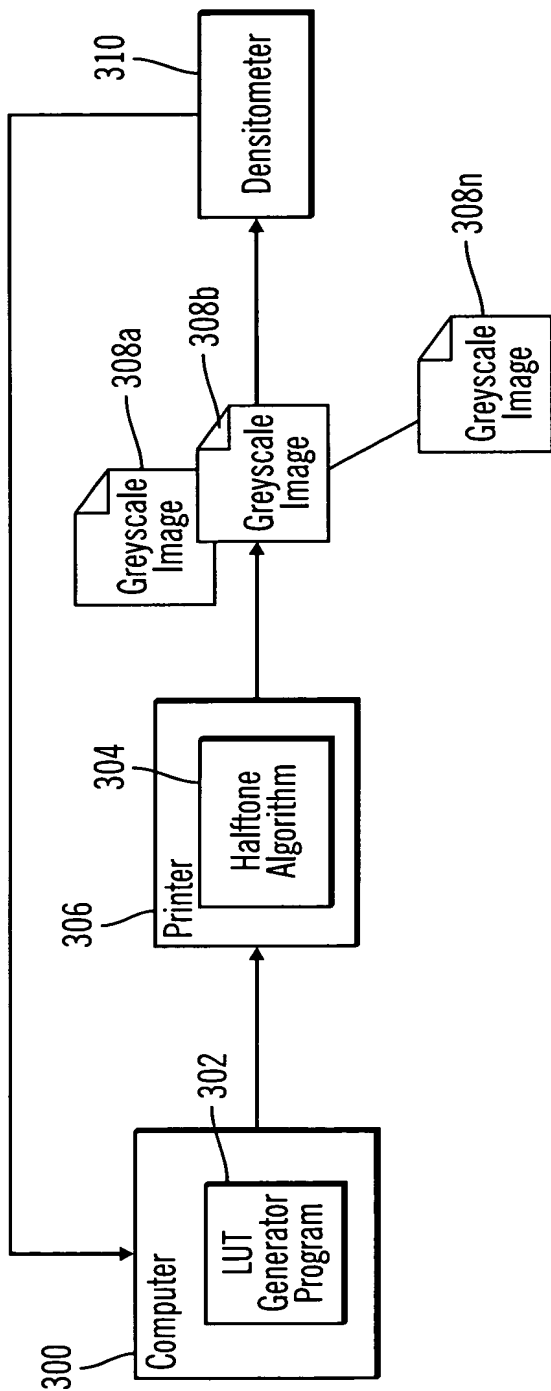


FIG. 7

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METHOD, SYSTEM, PROGRAM, AND DATA STRUCTURE FOR PRODUCING A LOOK-UP TABLE TO ENHANCE PRINT QUALITY

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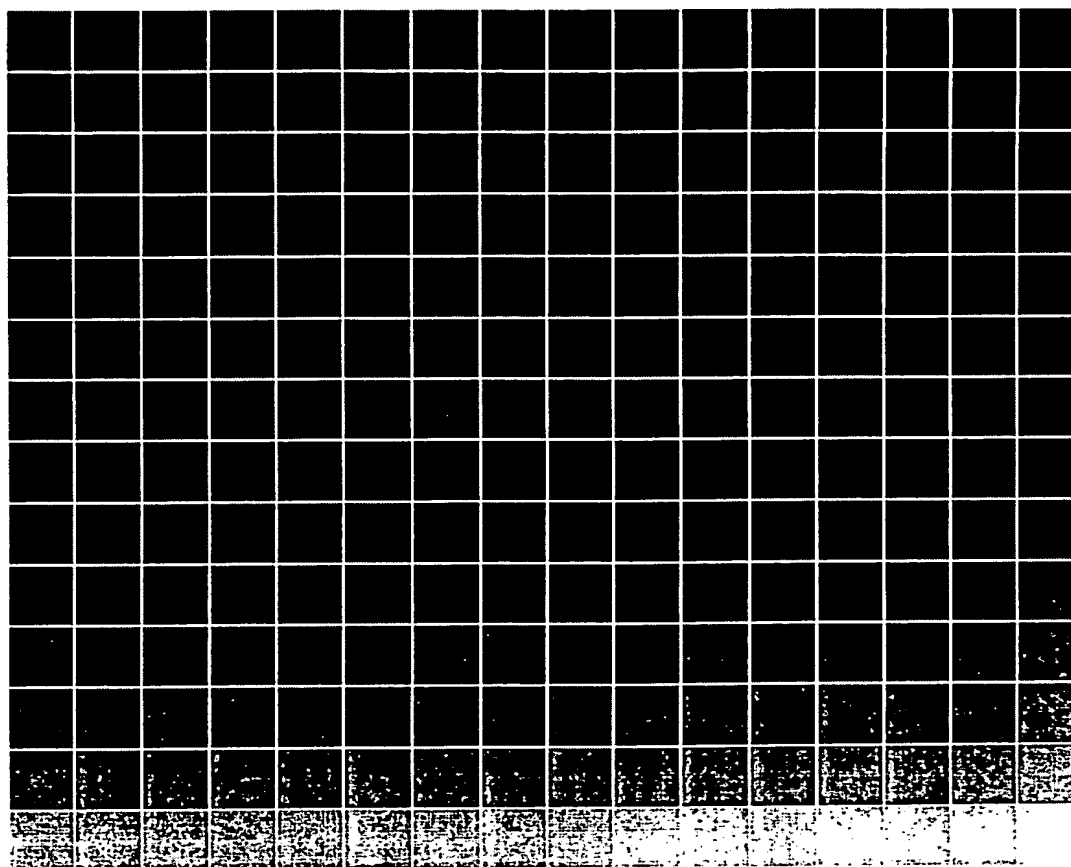


FIG. 8  
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Output Array =

Input Array +

$$\text{Part I} \left\{ \begin{array}{l} [fA(\text{starting\_value} - W_{AW}) * \text{Array}_{AW} + fA(\text{starting\_value} + W_{AK}) * \text{Array}_{AK} + \\ fB(\text{starting\_value} - W_{BW}) * \text{Array}_{BW} + fB(\text{starting\_value} + W_{BK}) * \text{Array}_{BK} + \\ fC(\text{starting\_value} - W_{CW}) * \text{Array}_{CW} + fC(\text{starting\_value} + W_{CK}) * \text{Array}_{CK}] - \end{array} \right.$$

$$\text{Part II} \left\{ [fA(\text{starting\_value}) * \text{Array}_{AK} + fB(\text{starting\_value}) * \text{Array}_{BK} + fC(\text{starting\_value}) * \text{Array}_{CK}] + \right.$$

$$\text{Part III} \left\{ [f0(\text{starting\_value} + W_{AK} + W_{BK} + W_{CK} - W_{AW} - W_{BW} - W_{CW}) - f0(\text{starting\_value})] \right.$$

FIG. 9

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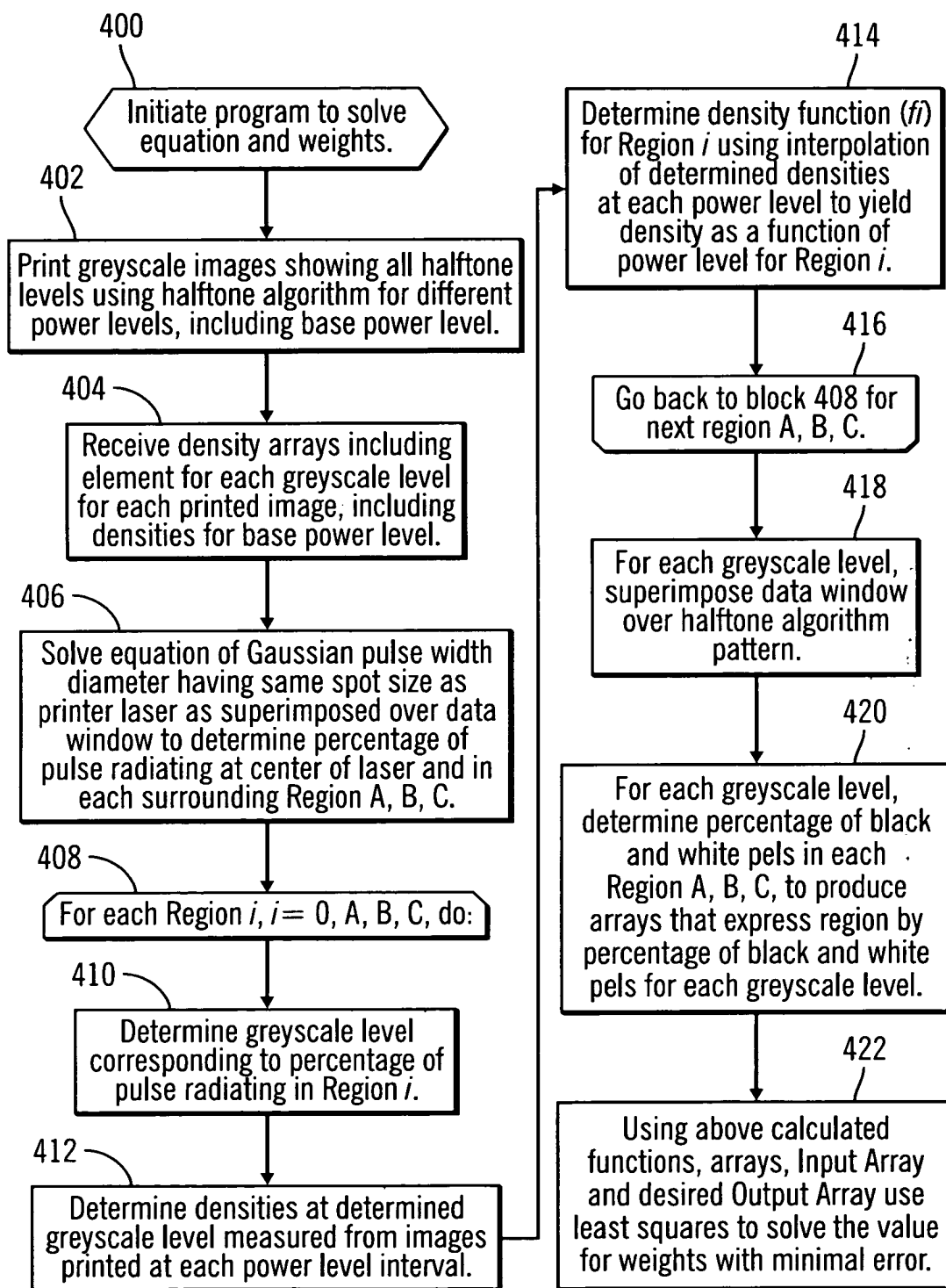


FIG. 10